



SERVICE BULLETIN

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PORTABLE OXYGEN CYLINDER ASSEMBLIES - P/N 10014024 – SLING STRAP REPLACES P/N 10013592 – SLING STRAP

SUMMARY

This Portable Oxygen Cylinder Assembly (POCA) is a new, lightweight, portable oxygen unit. The POCA originally included a sling strap that is slightly shorter than the sling straps used on most existing portable oxygen units. Operators have requested that the POCA be equipped with a sling strap equal in length to the existing units in order to make training and familiarization easier with the new POCA.

This Service Bulletin cancels and replaces AVOX Systems SIL-35-63.

1. PLANNING INFORMATION

A. Effectivity

(1) Concerned equipment

This Service Bulletin applies to the Portable Oxygen Cylinder Assemblies listed below.

Part Number of End Item Assemblies	Description of End Item Assemblies
3552 Series	Portable Oxygen Cylinder Assembly

(2) Aircraft

At the time of this Service Bulletin the P/N 3552 Series POCA is used only on Airbus aircraft, principally the Airbus 340.

(3) On production line

This modification started on the production line with S/N P06070981.

(4) In the field

On or before the next scheduled overhaul of the Portable Oxygen Cylinder Assembly or September 2016 whichever comes first.

(5) Spare parts

Not Applicable.

B. Concurrent Requirements

Not Applicable.

C. Reason

To equip the POCA with a sling strap of a length approximately equal to the sling straps on other portable oxygen units currently in use.

D. Description

The sling strap P/N 10013592 is replaced by the sling strap P/N 10014024.



E. Compliance

Incorporation of this Service Bulletin is recommended.

F. Approval

The technical content of this Vendor Service Bulletin has been approved under the authority of EASA Design Organisation Approval No. EASA.21J.031.

G. Manpower

(1) One Technician

(2) Estimated time: 20 minutes.

H. Weight and Balance

The weight of the POCA is increased by 10 grams.

J. Electrical Load Data

Not changed.

K. References

(1) Engineering Order: 135276

(2) Component Maintenance Manual
CMM 35-35-52

L. Publication Affected

(1) Component Maintenance Manual
CMM 35-35-52

M. Interchangeability

Not affected.

2. MATERIAL INFORMATION

A. Material – Price and Availability

(1) Material

P/N	NOMENCLATURE	QTY	UNIT PRICE (USD)
806507-01	Upgrade Kit	1	9.70

(2) Price

Price validity: until December 31, 2006

(3) Availability

Forty-five (45) days after receipt of order.



B. Industry Support Information

Not applicable.

C. Material necessary for Each Component (Unit)

(1) Material to be purchased.

NEW P/N	NOMENCLATURE	OLD P/N	QTY	SPECIAL INSTRUCTIONS DISPOSITION
10014024	Sling Strap	10013592	1	Discard
806509-01	Amendment Label	n/a	1	n/a
806509-02	Amendment Label	n/a	1	Discard

D. Material Necessary for Each Spare

Not applicable.

E. Re-identified Parts

Not applicable.

F. Tooling – Price and Availability

Not applicable.

3. ACCOMPLISHMENT INSTRUCTIONS

A. General

Refer to CMM 35-35-52 for Disassembly, Assembly and Testing.

WARNING: FAILURE TO USE EYE PROTECTION AT ALL TIMES DURING DISASSEMBLY, ASSEMBLY, AND TESTING PROCEDURES MAY CAUSE INJURY TO THE EYES.

B. Use eye protection at all times during all disassembly, assembly, and testing procedures.

WARNING: FAILURE TO HANDLE OXYGEN EQUIPMENT IN AN AREA CLEAN OF OIL, GREASE, FLAMMABLE SOLVENTS, OR OTHER COMBUSTIBLE MATERIALS INCLUDING DUST, LINT, AND FINE METAL PARTICLES, OR FAILURE TO USE CLEAN HANDS, GLOVES, AND TOOLS WHEN HANDLING OXYGEN EQUIPMENT MAY RESULT IN FIRE OR EXPLOSION THAT MAY CAUSE SERIOUS PERSONAL INJURY OR DEATH.

C. If oxygen equipment becomes contaminated with oil, grease, flammable solvents, or other combustible materials, fire and explosion may occur. Also, many substances and materials that do not normally burn in air, including dust, lint, and fine metal particles can ignite in the presence of oxygen. Handle oxygen equipment only in a clean area and with clean hands, gloves, and tools.

D. Disassembly

Remove and discard Sling Strap (200, IPL Figs. 1A, 1B, 1C, CMM 35-35-52) per instructions in Paragraph 3.B in the DISASSEMBLY section of CMM 35-35-52.

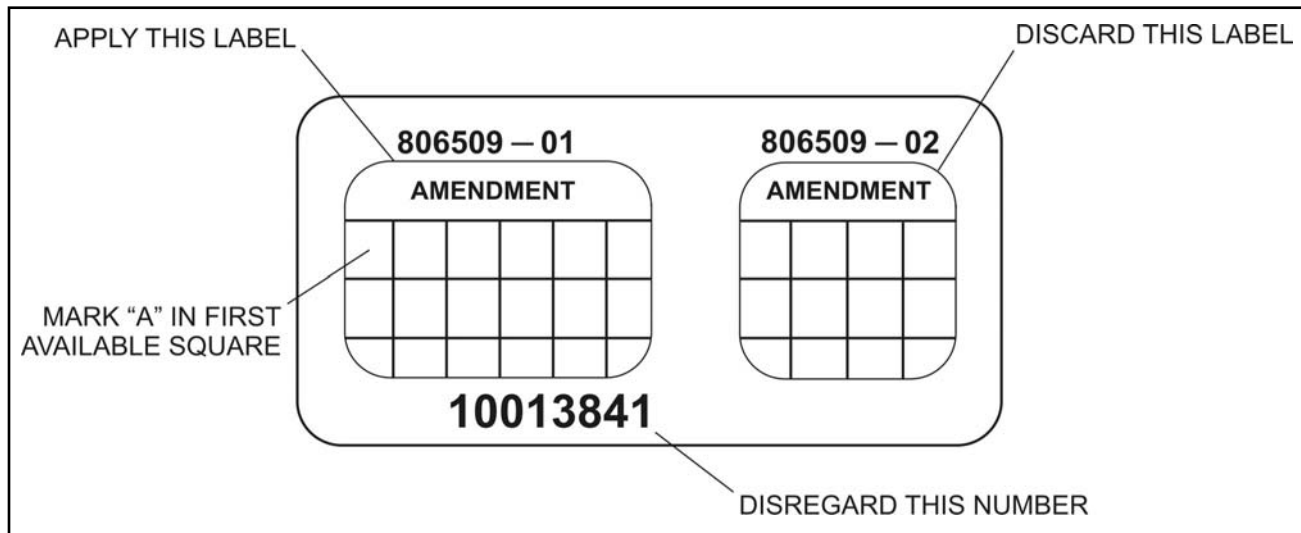
E. Re-Assembly

Follow the instructions for installation of Sling Strap (200, IPL Figs. 1A, 1B, 1C, CMM 35-35-52) per instructions in paragraph 8.B. in the ASSEMBLY section of CMM 35-35-52, substituting Sling Strap (P/N 10014024) for Sling Strap (200, IPL Figs. 1A, 1B, 1C of CMM 35-35-52).

F. Re-identification

With indelible ink, amend the identification plate.

- (1) If not already in place, apply Amendment Label P/N 806509-01 (see Figure 1) to the cylinder only (500, IPL Figs. 1A, 1B, 1C, CMM 35-35-52). Discard Amendment Label P/N 806509-02 (see Figure 1).
- (2) Mark the letter A in the first available square provided on the amendment block on the Amendment Label P/N 806509-01 on the cylinder only (500, IPL Figs. 1A, 1B, 1C, CMM 35-35-52).



Amendment Label
Figure 1

G. Test

This SB does not change the test procedures in CMM 35-35-52.

4. APPENDIX

The CMM listed below will be updated in 3 months.

CMM	End Item P/N	DESCRIPTION
35-35-52	3552 Series	Portable Oxygen Cylinder Assembly